

Jolly Command Line Interface

Usage: CommandLine [option1 parameters1]... "JPS filename, batch file or XML file"

Command Line Options

Option	Parameters	Description
/batch	filename	File with a series of commands
/copies	# column name	Number of copies to print If the number of copies to print is stored in a database field, specify the column name
/cropmarks	none dotted cross edge	Print crop marks None - no crop marks will be printed Dotted - Print a dotted outline around each label Cross - Print cross marks at the corners of each label Edge - Print edge marks at the outside corners of each label
/file_password	password	Password of protected design file
/filter	print filtered records	Print records that match the following criteria. Syntax is similar to the WHERE clause in an SQL query. Examples: /filter "LastName='smith'" /filter "` IDNumber` = 3330000"
/bitmap	true false	Convert the document to a bitmap and send the bitmap to the printer
/help		Display command line arguments
/inverted	true false	Converts the document to an inverted bitmap (horizontally reversed) and send the bitmap to the printer
/logfile	filename	Location of log file
/order	down across	Print order down - print down columns then across rows across - print across rows then down columns
/pages	all range	Selected pages to print all - print all pages range"- print the given page range (i.e. 1-2, 4,7)
/password	password	Password for authentication This is used in conjunction with the username option
/papertype	paper type	Set the paper type if supported by printer
/papersize	size auto	Specify paper size

Option	Parameters	Description
		Auto – auto select the best paper
/papertray		Specify the paper tray
/printer	name	Specify the printer
/records	range	Specify record range (i.e. 1-2, 4,7)
/side	front back both	Side(s) of design to print front - Print front side only back - Print back side only both - Print both sides
/spool	true false	Spool documents individually
/startat	#	Position on the label sheet to begin printing
/username	username	Username for authentication This is used in conjunction with the password option
/userfields	field=value[,field=value...]	Data values for user fields. For example: "Name=John, Age=26"
/verbosity	[normal silent verbose]	Display console messages normal – Normal output silent – No output verbose – Verbose output
/xcal	value [units]	Horizontal adjustment and units ml = Millinch, 1000 th of an inch in = Inch (default) cm = Centimeter mm = Millimeter pt = Point pc = Pica, 6 th of an inch cc = Cicero dd = Didot ag = Agate, 14 th of an inch dm = Diamond, 16 th of an inch tw = Twips, 1440 th of an inch hm = Himetrics, 2540 th of an inch
/ycal	value [units]	Vertical adjustment and units ml = Millinch, 1000 th of an inch in = Inches (default) cm = Centimeters mm = Millimeters pt = Points pc = Pica, 6 th of an inch cc = Cicero dd = Didot ag = Agate, 14 th of an inch dm = Diamond, 16 th of an inch tw = Twips, 1440 th of an inch hm = Himetrics, 2540 th of an inch

/xml	filename	Filename containing option / value pairs and the location of the design file A design file must be specified. For example: <code><designfile>design.jps</designfile></code>
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Usage Examples

Print 10 copies to printer named MyPrinter:

```
CommandLine /copies 10 /printer "MyPrinter" mylabel.jps
```

Only include records whose last name is Smith:

```
/filter "LastName='smith'"
```

Print a specific record:

```
/filter "` IDNumber` =3330000"
```

Example Batch File contents:

```
/copies 5 /records "1-10" designfile.jps
/copies 10 /records "11-20" designfile.jps
```

Example User Authentication:

```
CommandLine /username Administrator /password my_password mydesign.jps
```

Example of using userfields option:

```
CommandLine /copies 1 /userfields "Name=John,Age=26" mydesign.jps
```

Example of using XML file:

```
CommandLine /xml sample.xml
```

Contents of sample.xml

```
<SampleXML>
  <job>
    <designfile>design.jps</designfile>
    <copies>1</copies>
    <records>1</records>
    <printer>Zebra Thermal Printer</printer>
    <userfields>
      <Name>John</Name>
    </userfields>
  </job>
  <job>
    <designfile>design.jps</designfile>
    <copies>1</copies>
    <records>2-5</records>
    <printer>Zebra Thermal Printer</printer>
    <userfields>
      <Name>Rich</Name>
    </userfields>
  </job>
</SampleXML>
```

Example of printing all records to the default printer:

```
CommandLine /records all design.jps
```

How Integration Works

Note: This example mentions ID Flow but the same techniques apply to Label Flow.

Step 1: Design your ID card using ID Flow

Step 2: Add code to your application that will call the ID Flow command line interface with the appropriate parameters

Sample Integration Code (Visual Basic .NET / 2005 / 2008)

```
Public Sub printCard( _
    ByVal id_number As String, _
    ByVal num_copies As String, _
    ByVal printer_name As String)

    Dim proc_id As Integer
    Dim command As String
    Dim program_location As String
    Dim db_filter_statement As String
    Dim design_file As String

    ' Set program location - will vary for Label Flow vs ID Flow
    program_location = ""C:\Program Files\Jolly Technologies\ID Flow\CommandLine.exe""

    ' Set number of copies
    num_copies = """" & num_copies & """"

    ' Set printer name
    printer_name = """" & printer_name & """"

    ' Select the user record from the database that was configured at design-time
    db_filter_statement = ""IDNumber`=" & id_number & """"

    ' Set design file
    design_file = ""C:\sample.jpg""

    ' Build the command line
    command = program_location & " /copies " & num_copies
    command = command & " /printer " & printer_name
    command = command & " /filter " & db_filter_statement
    command = command & " " & design_file

    ' Start the CommandLine application, and store the process id
    proc_id = Shell(command, AppWinStyle.MaximizedFocus)

End Sub
```

Step 3: Print labels / cards from your application